## **Declaration and Power of Attorney for Patent Application**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

## A NON-SELF-ALIGNED SIGE HETEROJUNCTION BIPOLAR TRANSISTOR

the specification of	which (check one)				
X	is attached hereto.				
		as United States Appl n(if applicable		international Application No.	
I hereby state that it by any amendment		derstand the contents of the	above- identified specificat	ion, including the claims, as a	mended
I acknowledge the o	duty to disclose inform	ation which is material to th	e patentability as defined i	n 37 CFR §1.56.	
certificate, or §365( below and have also	<ul> <li>a) of any PCT International identified below, by ch</li> </ul>	tional application which desi	gnated at least one counti application for patent or inve	application(s) for patent or in ry other than the United State entor's certificate, or PCT Inter	s, listed
Prior Fore Number	eign Application(s): Country	Day/Month/Year	Priority Claimed	/	
I hereby claim the b	penefit under 35 U.S.C	c. §119(e) of any United Sta	tes provisional application	(s) listed below.	
Application	on Number		Filing Date		
designating the Unit in the prior United acknowledge the de available between t	ted States, listed below States or PCT Interruty to disclose informathe filling date of the properties.  Applications:	w and, insofar as the subject national application in the r	t matter of each of the claim nanner provided by the f y of this application as def		isclosed §112, I

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Joseph P. Abate, Reg. No. 30,238; Jay Anderson, Reg. No. 38,371; Ira D. Blecker, Reg. No. 29.894; Steven Capella, Reg. No. 33,086; T. Rao Coca, Reg. No. 29,784; Harold Huberfeld, Reg. No. 26,665; Todd M.C. Li, Reg. No. 45,554; Daryl K. Neff, Reg. No. 38,253; Susan Murray, Reg. No. 38,252; Margaret A. Pepper, Reg. No. 45,008; Eric W. Petraske, Reg. No. 28,459; Marc D. Schechter, Reg. No. 28,989; H. Daniel Schnurmann, Reg. 35,791; William P. Skladony, Reg. No. 33,787; Tiffany Townsend, Reg. No. 43,199; Christopher A. Hughes, Reg. No. 26,194; Edward A. Pennington, Reg. No. 32,588; John E. Hoel, Reg. No. 26,279; Joseph C. Redmond, Jr., Reg. No. 18,573; C. Lamont Whitham, Reg. No. 22,424; Marshall M. Curtis, Reg. No. 33,138; and Michael E. Whitham, Reg. No. 32,635.

Address all telephone calls to: Michael E. Whitham, McGuireWoods, LLP, 1750 Tysons Blvd, Suite 1800, McLean, Virginia 22102. Telephone calls to Michael E. Whitham at 703-712-5067

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(1)	Inventor: Signature:	Basanth Jagannathan Basanth. Jagannathan	06/07/01
	Residence: Citizenship:	81 Judith Drive, Stormville, New York 12582 India	Date
	Post Office Address:	none.	Same As Above
(2)	Inventor: Signature:	Shwu-Jen Jeng Jeng 0	6/07/0/ Date
	Residence: Citizenship: Post Office Address:	5 Tanglewood Drive, Wappingers Falls, New York 12590 United States	Same As Above
(3)	Inventor: Signature:	Jeffrey B. Johnson	danie As Above
	Residence: Citizenship: Post Office Address:	15 Juniper Ridge Road, Essex Junction, Vermont 05452 United States Same As Above	Date
(4)	Inventor: Signature:	Robb A. Johnson	
	Residence: Citizenship: Post Office Address:	113 Twin Oaks Terrace, S. Burlington, Vermont 05403 United States Same As Above	Date
(5)	Inventor: Signature:	Louis D. Lanzerotti	
	Residence: Citizenship:	500 Pine Street, Apt. 6F, Burlington, Vermont 05406 United States	Date
	Post Office Address:		Same As Above
(6)	Inventor: Signature:	Kenneth J. Stein  Lewith J. Hen  P. O. Bertown, CT 06470 (C) 6 mon	6 -14 -01 Date
	Residence: Citizenship: Post Office Address:	P.O. Lot 3213 Newtown ict 06470 (C) 6 august 31 Riverside Road, Sandy Hook, Connecticut 06482 United States	Same As Above
(7)	Inventor: Signature:	Sashadri Subbanna	6/18/57
		Co vertry Ln.; 2403 Village Drive, Brewster, New York 10509 United States Same As Above	Date

IBM Docket No.: FIS920000402US1

## **Declaration and Power of Attorney for Patent Application**

As a below named inventor, I hereby declare that.

calls to Michael E. Whitham at 703-712-5067

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

A NON-SELF-ALIGNED SIGE HETEROJUNCTION BIPOLAR TRANSISTOR

the specification	of which (check one)			
x	is attached hereto,			
	was filed on was amended on		cation Serial No. or PCT International Application No	and
I hereby state that any amendment	t i have reviewed and ur eferred to above.	nderstand the contents of the a	above- identified specification, including the claims, as amended	l by
1 acknowledge th	e duty to disclose inform	nation which is material to the j	petentability as defined in 37 CFR §1.56.	
or §365(a) of any identified below.	DCT international annic	ation which designated at least foreign application for patent o	(365(b) of any foreign application(s) for patent or inventor's certific at one country other than the United States, listed below and have a or inventor's certificate, or PCT International application having a fi	a150
Prior F Numb	oreign Application(s):	Day/Month/Year	Priority Claimed	
I hereby claim th	e benefit under 35 U.S.	C. §119(e) of any United State	es provisional application(s) listed below.	
Applic	ation Number	Filing (	Date	
designating the to prior United State to disclose inform	Inited States, listed belo is or PCT International a ation material to patenta	w and, insofar as the subject to polication in the manner provide	tes application(s), or §365(c) of any PCT International application from the claims of this application is not disclosed in ided by the first paragraph of 35 U.S.C. §112. I acknowledge the fined in 37 CFR §1.56 which became available between the filling of this application:	i tine duty
Prior Serial	J.S. Applications: No, Filing Da	ote Status	s (patented, pending, abandoned)	
Office connected Joseph P. Abster Rao Coca, Reg. Murray, Reg. No. H. Daniel Schnu Reg. No. 25.194	1 therewith: 1. Reg. No. 30,238; Jay J. 1. No. 29,784; Harold Hu 1. 38,252, Margaret A. Pr 1. Fdward A. Penningtof 1. Edward A. Penningtof	Anderson, Reg. No. 38,371; In berfeld, Reg. No. 26,665; Tod epper, Reg. No. 45,008; Eric V illiam P. Skladony, Reg. No. 3 1, Reg. No. 32,588; John E. H	his application and transact all business in the Patent and Trader ra D. Blecker, Reg. No. 29.894; Steven Capella, Reg. No. 33,08 dd M.C. Li, Reg. No. 45,554; Daryl K. Neff, Reg. No. 38,253; St. W. Petraske, Reg. No. 28,459; Marc D. Schechter, Reg. No. 28,3787; Tilfany Townsend, Reg. No. 43,199; Christopher A. Hug loel, Reg. No. 26,279; Joseph C. Redmond, Jr., Reg. No. 18,57; 138; and Michael E. Whitham, Reg. No. 32,635.	6; T. 1980 989; hes,

Address all telephone calls to: Michael E, Whitham, McGuireWoods, LLP, 1750 Tysons Blvd, Suite 1800, McLean, Virginia 22102. Telephone

IBM Docket No.: FIS920000402US1

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may Jeopardize the validity of the application or any patent issued thereon.

(1)	inventor: Signature:	Basanth Jagannathan	
	Residence:	The bodies to the second	Date
	_	B1 Judith Drive, Stormville, New York 12582	
	Citizenship:	India	
	Post Office Address:	Same As Above	
(2)	Inventor:	Shwu-Jen Jeng	
	Signature:	<u> </u>	
	Residence:	5 Tanglewood Drive, Wappingers Falls, New York 12590	Date
	Citizenship:	United States	
	Post Office Address:	Same As Above	
(3)	inventor:	Jeffrey B. Johnson () // ] } /	11
(-)	Signature:	Lethe B. John	6/8/01
	Residence:	15 Juniper Ridge Road, Essex Junction, Vermont 05452	Date
	Citizenship:	United States	
	Post Office Address:	Same As Above	
(4)	Inventor:	0.44.4.14	, .
(4)	Signature:	Robb A. Johnson Soll a Whash	6/8/01
	Résidence:	113 Tuin Orter Torres S. Rivella and I.	Date
	Citizenship:	113 Twin Oaks Terrace, S. Burilogton, Vermont 05403 United States	
	Post Office Address:	Same As Above	
(5)	inventor:	Louis O. Lanzeron	. —
(-)	Signature:	Louis U. Lanzerotti	618/01
	Residence:		Date
		500 Pine Street, Apt 6F. Burlington, Jermont 05406	
	Citizenship:	United States	
	Post Office Address:	Same As Above	
(6)	Inventor:	Kenneth J. Stein	
. ,	Signature:	Nemicoro. Stati	
	Residence:	31 Riverside Road, Sandy Hook, Connecticut 06482	Date
	Citizenship:	United States	
	Post Office Address:	Same As Above	
(7)	Inventor:	Seshadri Subbanna	
. ,	Signature:	Ocalidati Odujajinja	
	Residence:	2403 Villago Dring Repurder New York 40570	Date
	Citizenship:	2403 Village Drive, Brewster, New York 10509 United States	
	Post Office Address:	Same Ac Above	